

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): An easily retrieved biological specimen pouch comprising a flexible wall (1-1), an open end (1-2) and a closed end (1-3), and said specimen pouch (1) can ~~receiving~~receive the biological specimen (9) therein;

A) said flexible wall of the open end of the specimen pouch has discontinuous serration (1-4);

B) on said serration (1-4), there are slots (1-5) through which ~~an open and retrieval string (2) or an open spring (3) or a retrieval noose (4)~~ can pass, wherein the string opens and closes the specimen pouch.

Claim 2 (currently amended): The biological specimen pouch according to claim 1, wherein said ~~open and retrieval string~~ (2) is made of any materials which can save the changed shape and return to the original or near the original shape when disentangled.

Claim 3 (currently amended): The biological specimen pouch according to claim 2, wherein said ~~open and retrieval string~~ (2) is made of the following materials: shape memory alloy wires or pieces or alloy spring steel.

Claim 4 (original): The biological specimen pouch according to claim 1, wherein said open

spring (3) is made of any materials which can save the changed shape and return to the original or near the original shape when disentangled.

Claim 5 (original): The biological specimen pouch according to claim 4, wherein said open spring (3) is made of the following materials: shape memory alloy wires, shape memory alloy pieces and alloy spring steel.

Claim 6 (original): The biological specimen pouch according to claim 1, wherein said retrieval noose (4) is made of the wires of macromolecule materials, compound materials or metal materials.

Claim 7 (original): The biological specimen pouch according to claim 1, wherein said flexible wall (1-1) of the specimen pouch is made of the soft macromolecule materials or compound materials.

Claim 8 (original): The biological specimen pouch according to claim 1, wherein said flexible wall (1-1) of the specimen pouch is made of the soft macromolecule materials or compound materials which are enhanced by metal net or synthetic fibre.

Claim 9 (original): The biological specimen pouch according to claim 1, wherein said flexible wall (1-1) of the specimen pouch is made of the soft macromolecule materials or compound

materials which are enhanced by memory alloy fibre net or synthetic fibre net.

Claim 10 (original): The biological specimen pouch as claimed in any one of claims 7 to 9, wherein said soft macromolecule materials are selected from the following elastomer or polymer materials: Silicon Rubber, Polyurethane, Polyethylene, Polypropylene, Silicone, Ethenoid Resin and Polytetrafluoroethylene.

Claim 11 (currently amended): The biological specimen pouch according to claim 1, wherein said ~~open and retrieval~~ string (2) is connected to a distant end (5-1) of an inner sheath (5), and the specimen pouch (1) is installed in front of the distant end (5-1) of the inner sheath and inside a distant end (6-1) of an outer sheath (6).

Claim 12 (currently amended): The biological specimen pouch according to claim 1, wherein one end of the said ~~open and retrieval~~ string (2) is connected with a slipknot or slip block (7), a noose structure is formed when the other end passes through the slots (1-5) in the serration (1-4) of the open end in the specimen pouch and then the slipknot or slip block (7).

Claim 13 (original): The biological specimen pouch according to claim 1, wherein said the relative position of the outer sheath (5) and inner sheath (6) is fixed by the orientation button (8).

Claim 14 (original): The biological specimen pouch according to claim 1, wherein said open

end (1-2) of the specimen pouch is colored distinctly from the biological specimen (9) observed under the endoscopic equipment.

Claim 15 (new): A biological specimen retrieval pouch comprising:

a flexible wall;

an open end and a closed end, wherein the specimen retrieval pouch is adapted to receive a biological specimen therein, the flexible wall of the open end of the specimen pouch has discontinuous serration, the serration includes channels through which a pouch deployment and retrieval string can pass.

Claim 16 (new): The biological specimen retrieval pouch of claim 15, wherein the pouch deployment and retrieval string is made of a material having shape memory.

Claim 17 (new): The biological specimen retrieval pouch of claim 16, wherein the pouch deployment and retrieval string returns to its original shape based on temperature.

Claim 18 (new): The biological specimen retrieval pouch of claim 17, wherein the temperature is in the range of 15°C–33°C.

Claim 19 (new): A biological specimen retrieval pouch comprising:

a flexible wall;

an open end and a closed end, wherein the specimen retrieval pouch is adapted to receive a biological specimen therein, the flexible wall of the open end of the specimen pouch has discontinuous serration, the serration includes channels through which a pouch deployment and retrieval string can pass, wherein the pouch deployment and retrieval string opens and closes the specimen retrieval pouch.

Claim 20 (new): The biological specimen retrieval pouch of claim 16, wherein the pouch deployment and retrieval string returns to an open state based on temperature of a body.